Message (Digitally Signed)

From: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA) [derek.j.robinson1@navy.mil]
Sent: 11/2/2020 2:32:21 PM
To: Praskins, Wayne [Praskins.Wayne@epa.gov]; Liscio, Matthew P CIV USN NAVSEA DET RASO VA (USA) [matthew.liscio@navy.mil]; Edwards, Zachary L CIV USN NAVSEA DET RASO VA (USA) [zachary.edwards@navy.mil]; Macchiarella, Thomas L CIV USN COMNAVFACENGCOM DC (USA) [thomas.macchiarella@navy.mil]; Fragoso, Lino L CIV USN (USA) [lino.fragoso@navy.mil]; Stoick, Paul T CIV USN NAVFAC SW SAN CA (USA) [paul.stoick@navy.mil]; Craig Bias [cbias@remwerks.com]; Kahles, Gregory R (Greg) CIV USN NAVSEA DET RASO VA (USA) [gregory.r.kahles@navy.mil]
CC: Hays, David C Jr CIV USARMY CENWK (USA) [David.C.Hays@usace.army.mil]; Williams, Anthony S CAPT USN CNO (USA) [anthony.s.williams4@navy.mil]
Subject: RE: Discuss RESRAD Build and BRPG
Attachments: smime.p7s

Please see the meeting summary below. There are a few items that were due last Friday by the Navy. Working on getting them to you by today.

Derek

General summary –

The Navy and EPA are both going to evaluate some specific technical items and get back to the group (listed in action items below).
The Navy and EPA discussed how well the CSM for HPNS represents actual site conditions.
The Navy uses RESRAD and believes that it is the appropriate tool to use - industry accepted and provides an accurate evaluation of risk and cleanup numbers.
The EPA generally uses the BPRG calculator at CERCLA sites to evaluate risk from radiological contamination in buildings. The BPRG calculator assumes a higher exposure rate compared to RESRAD . Without a site-specific reason EPA cannot support RESRAD for dust at HPNS.
The Navy believes that the BPRG calculator is overly conservative wrt risk from dust, providing numbers that are not achievable and not indicative of reasonable risk.
The EPA will provide updated cleanup values using the BPRG calculator if it can support site-specific inputs in place of default values.

Action Items:

1. Navy – discuss internally whether the Navy believes that dust should not be considered at HPNS. If so, please provide a rationale and proposed approach to EPA.
2. EPA - evaluating one of the BPRG inputs (potential loss of radon) and will get back to the Navy by Nov 3
3. Navy – will follow up on EPA concern about RESRAD slope factors used to estimate risk from fixed contamination on a building surface-to EPA by Oct 30
4. Navy – will review ingrowth and decay assumptions made in the Navy's October 2019 BPRG submittal and send any proposed changes to EPA – Oct 30
5. EPA – will send the updated factors from 2017 guidance to Navy – by Oct 26 [received]

Follow up meeting by Nov *5*

-----Original Appointment-----
From: Robinson, Derek J CIV USN NAVFAC SW SAN CA (USA)
Sent: Tuesday, October 20, 2020 7:05 AM
To: Praskins, Wayne; SEA 04 NAVSEA DET RASO Liscio (matthew.liscio@navy.mil); Edwards, Zachary L CIV SEA 04 04N;

Macchiarella, Thomas L JR CIV NAVFAC HQ, BRAC PMO (thomas.macchiarella@navy.mil); Fragoso, Lino CIV OPNAV, N455 (lino.fragoso@navy.mil); Stoick, Paul T CIV USN NAVFAC SW SAN CA (USA); Craig Bias; Kahles, Gregory R (Greg) CIV USN NAVSEA DET RASO VA (USA)
Cc: Hays, David C Jr CIV USARMY CENWK (USA); Anthony S Williams (anthony.s.williams4@navy.mil)
Subject: Discuss RESRAD Build and BRPG
When: Wednesday, October 21, 2020 14:00-15:30 (UTC-08:00) Pacific Time (US & Canada).
Where: Ex. 6 Personal Privacy (PP)

Draft Agenda:

1. Introductions
2. Purpose/Recent History (Oct 2019 to present)
3. Focus on removable contamination/dust/ingestion pathway
    a. BPRG v. RESRAD BUILD
    b. BPRG Dissipation factor
    c. BPRG Exposure Assumptions (hand to mouth frequency, finger surface area)
    d. Progeny ingrowth
    e. RESRAD BUILD slope factors for surface contamination

The attached was prepared by Craig Bias in coordination with RASO, as a starting point for our discussions.